

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3446] 1996 Calendar
Message-ID: <199601261716.RAA05096@chuck.dallas.sgi.com>

Gang,

In the interest of letting everyone have ahead of time information about important radio amateur events I have taken the time to enter the following info via keyboard.

I am soliciting help from this group to add to it any known QSO parties from 50 states and QRP afiield events. Anything that we as a group might want to participate in. Again, 99% of us are not contest ops, but they do help to get needed states and counties for some.

So, if you have some QRP club activities that need to go on this thing, please by all means send it to me and I'll post this thing as time and energy permits and need arises. We'll keep a copy on FTP.LEHIGH.EDU also. Hopefully we can coordinate so that as QRPers we don't get run over by some big contest for afiield events. Also should be the first place you look when on a weekend you turn on your rig hoping to work some other QRPers and all you hear is QRO stations every 50Hz.

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January 28-29	CQ WW CW 160M Contest
February 4	NorTex Meeting
February 5	NorCal Meeting
February 18-19	ARRL CW DX Contest
February 25-26	CW WW SSB 160M Contest
March 4	NorTex Meeting
March 5	NorCal Meeting

March 4-5	ARRL SSB DX Contest
March 25-26	CQ WW SSB WPX Contest
April 1	NorTex Meeting
April 2	NorCal Meeting
May 6	NorTex Meeting
May 7	NorCal Meeting
May 18	Four Days in May ARCI Forum in Dayton
May 19-21	Dayton Hamvention
May 27-28	CQ WW CQ WPX Contest
June 3	NorTex Meeting
June 4	NorCal Meeting
June 3-4	ARRL VHF QSO Party
June 10-11	HamCom in Dallas ??????
June 24-25	ARRL Field Day
July 1	NorTex Meeting & Canada Day
July 2	NorCal Meeting
July 8-9	CQ WW VHF Contest
August 5	NorTex Meeting
August 6	NorCal Meeting
August 5-6	ARRL UHF Contest
September 2	NorTex Meeting
September 3	NorCal Meeting
September 9-10	ARRL VHF QSO Party
September 23-24	CQ WW RTTY Contest
October 7	NorTex Meeting
October 8	NorCal Meeting
October 23	Northern Hemisphere Solar Eclipse
October 28-29	CQ WW SSB DX Contest
November 4	NorTex Meeting
November 5	NorCal Meeting
November 4-5	ARRL CW Sweepstakes
November 18-19	ARRL SSB Sweepstakes
November 25-26	CQ WW CW DX Contest
December 2	NorTex Meeting
December 3	NorCal Meeting

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Chuck Adams (K5FO CP-60) adams@sgi.com
 Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [3466] 37 Hunters bagged the Fox!, KK6MC/5 (its long, I worked 37!)
Message-ID: <v02130500ad2ebcb21f5a@[192.31.66.224]>

Sorry for the late posting. I was gone all day yesterday on business, having gotten up at 430AM to catch an early plane to San Diego. I got home at about 1000 PM yesterday in the middle of a 40 mph storm with blowing snow. In addition my office was moved while I was out of town yesterday, so I have had to remake my nest here. I am just now getting time to get this report out. I am preparing this without having read my e-mail so I hope that I don't contradict anything anybody has reported.

My Fox night was successful! My preliminary tally shows 37 worked, 15 states, one canadian province, and 2 countries (USA and Canada). Conditions were good; propagation was both long (F2) and short (Es), the band was quiet with little atmospheric noise, I had no external noise problems, and there was little QRM. I had to shut the shackj door when my daughter practiced her flute though.

I think that moving the starting time up helped, as I worked stations as fast as I could for the first half hour.

My personal goal was to work as many or more hunters than NA5N did. I equaled his count, but the victory is shallow as he did it in 2 hours and I took 3. I also wanted to work some of the New Mexico QRPers, particularly Tim and Paul, but the skip was not that short, and ground wave is iffy in the mountains.

Time (UTC)	Station	His RST	My RST	QTH
0103	VE7CQK	579	579	BC (Can)
0105	WA9PWP	559	469	Wis
0107	W5KNS	559	559	Texas
0110	KB9IUA	559	479	Il
0117	W3PMW	559	479	Ala
0120	N9XVZ	339	559	Wis
0122	W6ZH	579	599	Ca
0125	K6VNX	579	599	Ca
0127	AB6DG	549	589	Ca
0129	N6ULU	559	559	Ca
0133	K06KA	569	579	Ca
0137	bits of calls heard and QRZ sent; KC2?, ?8VE?, ?9h?, ?NNC, nothing workable, I'm sorry to those who tried.			

Bad QRM from a QRO CQ so I send QRM QSY up 3 twice and QSY to 7111, nobody

goes with me, so I go back down to 7108 which is clear after 5 minutes.
Does anybody tune around when the fox goes away??

0144	K9DZE	579	559	In
0148	WB4TPW	539	589	Or
0152	KC2DU	339	339	wNy
0155	NN9K	559	559	Il
0159	KD8LFQ			

We couldn't make it on 7108 due to QSB. I send QSY 7043. My wife had brought me supper earlier; grilled salmon, steamed greenbeans, and oven fried potatoes on a tray with a carnation. I gulped this down and QSYed to 7043. Guess who is calling me there:

0204	KB8LFQ	559	339	Mi
0207	AA6XZ	549	559	Ca
0215	AE9F	559	559	Ca
0218	WB9LKC	579	449	Wis
0222	WB5QMP	559	579	Id
0227	WD9EYB	569	529	In
0234	KV2X	549	529	NC
0240	AK5B	569	559	Tx
0245	K2NF	339	539	Fl
0248	KE4EWT	339	529	NC
0255	KC5EQC	559	569	Ok
0300	K8DD	559	569	Mi
0305	KK5RO	579	559	Ok
0310	NU6U	579	569	Ca
0318	N8VAR	549	449	Ohio
0324	KQ6AQG	229	539	Ca

(? need to recheck my log on this one my notes here at work are garbled due to my poor handwriting)

0329	KF5IU	559	569	La
0336	WT7F	579	579	Ca
0339	N50CD	559	579	La
0343	??VE??	could not pull this one out, sorry again to whomever		
0347	AB5UA	559	559	Ok
0353	N6WG	569	569	Ca
0359	AC6IY	449	449	Ca

If there are errors or omissions let me know. This was transcribed quickly from notes and my running log, so there are possibilities for errors in handwriting and typing. Wednesday night after I finished I thought I had counted 38 QSOs, but now I only get 37. Need to double check.

Equipment used; TS 850AT cranked down to 5 watts (verified on scope), a ladder line fed delta loop drooping from 35 to 20 feet (see sad story below), a Bencher paddle that doesn't feel as good as it used to before

the keyer thread started here a few weeks ago, a 45 year old digital signal processor that took 30 years to program (my brain), Sony headphones, a mechanical pencil, and a long yellow legal pad. I use the legal pad as it is longer, 14 inches as opposed to 11 inches than a regular piece of paper so I spend less time turning pages.

The hunt was almost not to be. I arrived home at 1735 , 25 minutes before the hunt was to start and discovered that one end of my antenna had come down! The high winds we have been having finally frayed one of the support lines. I scrambled around for some tools, new line, and a ladder. In the gathering darkness (sunset is at 1725 or so and the sun goes behind the mountain a half hour or so before that), I managed to get the sagging end up a bit in the trees, managed to put my hand into a cactus and scrape my arm. So I started the hunt with my delta loop that has one end about 10 or 15 feet lower than usual, with the lower 10 feet or so of my delta loop lying on the garage/shack roof. I finished and got into the house at 1759 or so. By the time I got to the shack, the rig turned on and the antenna tuned, it was a minute or two past time to start. I thought that this is a sure recipe for disaster. After the 1994 sweepstakes, when I spent an entire afternoon putting up a new antenna for the contest I swore that I would be better prepared for this type of thing.

I called QRL? at 7108. I got a reply CLR. This was encouraging, so I sent a one by one; CQ FOX de KK6MC K, and got a pile up. Lots of people must have been on with their rigs primed and ready to go. I tried to pick out the guy who sent CLR to work first, but I am not sure I did. Then I realized that I had used my prep time fixing my antenna and had to scramble for a pencil and tablet. A bit of QRM came on so I looked for my phones. Too late I remembered that the kids had them with the computer. I screamed for my wife who came running. She thought I had gotten a shock or something (she has had some experience with me in these matters, but that is another story). She located the headphones and brought them up along with a cold 807 to calm me down. I worked stations at a rate of one every two minutes after I got settled down until someone came on and called CQ. I tried to compete for awhile, but couldn't. 7111 was clear so I sent QRM QSY UP3 QSY UP3. I called CQ for 5 or 10 minutes with no takers. Don't people tune around when the fox vanishes to see if he has QSYed? Anyway I checked 7108 again and it was clear so I went back down and called CQ with lots of takers. About this time my wife brought supper up on a tray, I had to look at it and smell it until I QSYed to 7043.

There was a pipeline to Ca during the first hour, with my antenna problems I was surprised to get signal reports of 599!! Stan N6ULU was uncharacteristically weak here, he usually has a 599+ signal, and he was weaker than that at 559. The Es skip kicked in about an hour after sundown and as a result I worked stations in Oklahoma, Louisiana, California, Illinois and Texas that I would have missed without it.

The quick and dirty propagation predictions paid off, the first hour was very productive. I did not get the long skip I predicted from New England (nobody) or Florida, (1). The presence of Es ionization may have increased absorption making weak signals from these F2 skip areas weaker.

There was a little QRM from a digital station at both 7108 and 7043 even though I had checked these frequencies several nights before deciding on them. I managed to tune it out mentally with no problem. I may have lost a weak station or two, but I don't think so.

Many people sent their QRP-L number (do I have one of these??) and several sent their power levels. Nice personal touch.

Lessons learned;

I was not prepared to be at the receiving end of a pileup, even though Paul, NA5N, warned me about it. Next time I program the keyer, get the pencils, tablets and phones ready the night before. I should have worked a contest or two, or copied 20 m cw DX pileups to sharpen my skills. I probably missed several contacts due to my poor pileup expertise. I was using the wide filters with the variable bandpass cranked down which works quite well; narrower filters would have been better. I need to check with IRCI before the next hunt.

I generally gave better signal reports than I received. There are probably three reasons for this; my antenna problems, I am more optimistic than other operators, and I have a low noise rural location which makes weak signal better from the reception point of view than from the transmitting point. I can work on the antenna and should probably look at signals more critically.

QSYs should be done in small steps rather than in large ones to avoid losing people. I lost 10 minutes or so to my error here which probably translates to 3 or 4 QSOs.

QRPers are quite courteous in pileups, after I called somebody everybody else waited until I had completed the QSO before calling me again. I can only think of one time when I had a problem with this type of QRM.

Eat before you go on the air.

Using frequencies off the standard 7040 and 7110 and announcing them helped considerably. I wish they had been as clear of digital QRM as when I chose them.

Oh yeah-I only managed sporadic sips from the 807-half of it was still there when I signed 3 hours later! It was nice to take a sip when I got tense though.

I want to thank all the hunters for their patience and for providing me with an evenings worth of fun. I want to try it again, especially since I missed my first turn in the barrel.

Now I am going to read what others said about my efforts.

See you next week- Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [3482] 40 m beacon
Message-ID: <Pine.SUN.3.91.960126174502.29425A-100000@bessel.nando.net>

Hi Gang,

The 40 meter beacon will be running Friday and Saturday nights (Jan 26th and 27th) from 8 PM until 1 AM EST (0100 - 0600 Z). The frequency will remain at 7021.0 KHz, and the power output for the Friday night session will be 10 milliwatts. Friday's codeword has 5 letters, being the name of one of my horses.

Saturday's power level will be adjusted according to the reports which I receive from you over the next 10 hours via email.

The New Year's beacon certificates will be sent out this week to each station who correctly copied the codeword(s). Those of you who submitted reports for multiple power levels will notice that the your certificate reflects the lowest power level reported.

Jerry Flanders, W4UFU, spent a great deal of time and effort redesigning our previous certificates, and I'm sure you will agree that he did a fabulous job! We are requesting that you send us a confirming QSL, so we can include your cards in a hamfest QRP demonstration.

Thanks to W4UFU, W4NFR, and KA3EAJ who have contributed toward the

expenses. Thanks also to the North Carolina QRP gang--henceforth known as the "Knightlites") for their support and encouragement.

The certificates for the Christmas beacon session are being redesigned to mirror the New Year's certificates. They will be sent out sometime this week to W8AC, KA3WTF, WA3YON and K3TKS, each of whom copied the 250 microwatt beacon.

72, es happy listening,
Paul, AA4XX

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [3488] 80M "Lite" net
Message-ID: <Pine.SUN.3.91.960126214457.15675A-100000@bessel.nando.net>

Hi Gang,

The North Carolina QRP group met last night at WA4NID's home, and we had a great time of QRP fellowship. Several topics were discussed, including the selection of a name for our group, discussions concerning the 80 meter net, future group operating events, and construction projects. We'll share information on all of these topics within the next few days.

The purpose of this posting is to invite you to check in to the "KNIGHTLITE" 80 meter net this Sunday, January 28th at 9:30 PM EST (0230 Z). The net will be moved into the NOVICE segment for the next two weeks for a trial run. If all goes well, we will consider this a permanent move. Please join us on 3710 KHz at 0230 Z. Dave, WA4NID, will be camping out on 3560 KHz to send folks who don't get this message up to the new frequency. If you don't hear AA4XX calling the net on 3710 KHz, QSY to 3560 KHz and give WA4NID a call.

The KNIGHTLITE net is open to all, regardless of power output or geographical location. Run whatever amount of power you are comfortable with, whether it's 100 watts or 1 milliwatt. The January 28th net will be dubbed "wee-dit-dit" night. Stations are encouraged to check in with less than 1 watt for this session. The station that checks in with the least amount of power wins the first KNIGHTLITE certificate. The only criteria is that SOMEBODY ELSE on the net (in a different QTH) has to be able to copy your call and power level. If time permits, we'll try to give those stations running QRPP a chance to get signal reports from several other stations on the net.

I'll set up an attended beacon on 3710 KHz at 0200 Z at the 10 milliwatt level so you can judge how much juice you want to run. Chances are good that if you can hear the beacon, others will be checking in with less than 10 mW!

The beacon string will be "VVV VVV VVV de AA4XX/B".

You may check into the net any time between 0230 Z and 0330Z (or whenever the net closes).

Here are some "Q" signals you might hear on the net:

- QNI - Net Control Station (NCS) sends "QNI", meaning he's waiting for stations to check into the net. NCS will be listening for groups of stations. Send your call once, in the clear. NCS will acknowledge each station and will ask for repeats or relays if needed.
- QSP - NCS uses this when he wishes for someone to act as a relay for a very weak station. Example: NCS can't copy N6AA well. NCS sends "QSP N6AA?" or "Need QSP N6AA" or "QSP N6??" Anyone who copies N6AA then calls NCS and relays info.
- QNF - Net is adjourned. Used by NCS
- QNX - Used by net member to request he be excused from the net. EX:
W2AC waits for pause then sends "de W2AC PLS QNX."
NCS then echos , " W2AC QNX."

The net is totally laid back. We want to provide a fun, "lite" atmosphere for Novices, newcomers, and old timers. You may drop in and drop out as your time permits. Don't worry about the Q signals. They will make sense after a while. QNI at the speed you wish the NCS to respond to you. You may send as slowly or as fast as you wish.

Upon expressing an interest in the KNIGHTLITES, you automatically become a member, if you wish. Any stations who wish to be added to the KNIGHTLITES Internet list may do so by dropping me a note at AA4XX@nando.net. We currently have members from several call areas.

72, es CU Sunday ,

Paul, AA4XX (Raleigh, NC)

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3485] anyone have an e-mail address for Wayne Green, W2NSD?
Message-ID: <v0213050aad2f3818450b@[199.170.106.28]>

(thanks -- Wayne, N6KR)

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: ali@ns2.emirates.net.ae (M M Ali)
Subject: [3445] Dayton Hamvention
Message-ID: <9601261633.AE15214@ns2.emirates.net.ae>

Hi,

Any ham in the Dayton area willing to help a fellow ham visitng Dayton for the first time with accomodation (on sharing basis or you name it).

Pls e-mail direct.

M M Ali

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: rflight@VNET.IBM.COM
Subject: [3439] Dilemma (2) response
Message-ID: <199601261538.KAA45174@nss2.CC.Lehigh.EDU>

STOP! Your both right! (popular Certs commercial or yesteryear!)

Charles;

You and Gordon are both close enough to correct that the FCC would likely agree. However... consider the following:

The operative "notion" here is "peak enveloped", and in the context of voltage (which is a means of measurement hams can afford to reasonably approximate: this notion can get a bit clouded. Gordon attempts to relate the measurement in terms of Ohms law while preserving the "spirit" of the measurement which is PEP.

Interestingly; PEP is a classic oxymoron in the context of how nearly all radio transmitters in use (by the majority of radio amateurs at least) are derived from a single source (compare with a TV transmitter with 3 independent carrier sources plus amplitude modulated sidebands (a total of 5 independent instantaneous power sources (the video sidebands are non symmetrical and thus one has greater power than the other - called vestigial sideband modulation)).

PEP came into being when we became aware that 1) The continuous carrier present in an amplitude modulated waveform transmits no useful information, and 2) the sidebands produced by the process of amplitude modulation are redundant. Thus in the interest of conservation of energy first, the carrier was removed, and we had double sideband. Soon after, the cost of suppression of one of the sidebands was reduced and single sideband was born. The latter also had the added benefit of conservation of spectrum (i.e. only half the channel bandwidth is required to transmit equivalent information rates.)

Enough of that history; the net of this evolution was a need to define a cost effective measurement that was meaningful for hams to measure power. It is important to recall that DC input power was the standard of measurement at that time. Of course a kilowatt is a kilowatt, and hams argued that we shouldn't be "deprived" of our KW privileges, 6 dB is 6 dB, etc... and the FCC compromised at 3 dB (double sideband was still popular --- something like AM is today), and hams using SSB were authorized a limit of 2 kW PEP input. I was young, my family was poor, blah... blah... etc... and I frankly don't recall what was agreed to as the measurement means of the day. I suspect the FCC authorized peak plate current (yeah we were using glo-plugs back then), multiplied by the measured plate voltage as the permissible means.

Ending the history altogether now... The "spirit" of the measurement was to quantify the total output power transmitted. An accurate measurement of this parameter requires that energy over the full channel bandwidth be considered. This is where the term "enveloped" came from.... The power that is contained within the spectrum enveloped (occupied) by the transmitted waveform. This includes carrier (hopefully suppressed to near zero), and both sidebands. You had a 3 dB advantage over your peers if you used SSB vs DSB. That's called motivation:-)

Few labs, and fewer hams have the ability to make such a measurement, but the term stuck. The convention was to measure the peak voltage, and thus a more accurate description of the measurement is peak power. This is the formula you are offering Charles, and you are quite correct. The physics hasn't changed. But then does that stop Congress from shifting the heavens 1000 miles or so twice a year and conclude they're conserving daylight?

For hams... we are transmitting a single waveform nearly void of a carrier. Thus, an accurate measurement of PEP would only be slightly higher (there is after all a small component of carrier present) than a measurement of peak power. Thus; I wouldn't come down too hard on Gordon West's intent.

I suppose it is disturbing that as an "educator" his students are being a bit misguided. On the other hand... he's in quite good company.

Take a waveform that occupies a 6 MHz channel bandwidth (television) with the multiplicity of carriers and modulation sidebands, and neither of you are correct. Huh? you say... Well this is where the oxymoron part of the term PEP surfaces. If you can indeed measure peak "power", the term is accurate and articulate. Few do, and most measure current or voltage which implies a peak measurement differential time of zero. Most mathematicians will tell you this results in zero bandwidth and those with their feet still on the ground will concede (approaches zero bandwidth as a limit). A 6 MHz wide zero bandwidth channel is "Viola!" an oxymoron.

The FCC made the right decision (duh!) when they struggled through this issue, and their choice of words attempt to convey a "spirit" of intent in those areas that are difficult to manage and still permit the communications technology to advance. They could have concluded that the measurement cannot be made by hams, and thus hams are disallowed use of complex waveform technologies that exacerbates such issues. Kinda like the AMA does with the medical community:-)

Fortunately; cooler heads prevailed, and who knows... perhaps it was Gordon who coined the term "PEP".

73 de N3G0, Gary Raleigh, N.C.

//// / * / / / //// //// * //// //// / * //// //// ////

Only I am capable of offering such absurdities, and must assume all credit for my opinions and suggestions. They are mine and mine alone. My employer will graciously disavow any knowledge of my existence and laugh heartily at the mere suggestion of such a preposterous notion.

//// / * / / / //// //// * //// //// / * //// //// ////

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [3425] excuses!
Message-ID: <199601252045.AA13432@aplo1.spd.dsccc.com>

Gentlemen.
Joe Spencer, KK5NA, just found my name someplace

on a UARL callsign server...

My name has a new call sign beside it.

KC5SNU

I have a grin almost from ear to ear.

(Joe wants to know what my excuse is now)

Charles

KC5SNU

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: hx445@cleveland.Freenet.Edu (Christopher R. Doherty)
Subject: [3455] finger poppin', be-boppin' and zero beatin'
Message-ID: <199601261828.NAA01810@nextsun.INS.CWRU.Edu>

Mah fella 'mericans:

Ya know dat all dis here talkin' 'bout code - no code, 'bout spellin' - no
spellin' an' wondrin' 'bout wuther I wuz gonna get burned by some hot
email flame trower got me tinkin'.

Seems like I dunno what zero beatin's all 'bout. Probly been doin' it but
since I ain't got no deffynition, I dunno if I'm doin' it. Come to tink of
it, if I ain't doin' it, I woodn't know dat either. So, I wuz wundrin' if
one youse guys wood kinda be a elmer here an help dis here ham out. I sure
wood 'preciate da help. Tanks (and APCs). 8-)

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-73- name hr chris es qth scranton, pa sk de n3uvr qrp

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: JessQRP@aol.com
Subject: [3435] Fox
Message-ID: <960126094547_406959092@emout06.mail.aol.com>

I listened a little last night but becuase of household duties was not able
to sit at the radio long enough to make a call, BUT I heard the fox 589
several times. I am 35 miles NW of Denver.

Best
Jess

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3430] FOX CURRENT SCORES
Message-ID: <199601252239.WAA03586@chuck.dallas.sgi.com>

Gang,

This is difficult paperwork, so bear with me if I make errors and/or fox has a typo. Let them and me know and only us and we will work out the details. Give us log dates and times for crossreferencing. We will have plenty of time to correct and the archives have the records for backup. Isn't technology wonderful?

Station	Total	Date	Fox	Equipment and Ant (if known)
18	12+6	Oct 3, 1995	KV2X Tom	Swan Astro 102 @ 2W 1/4 lambda 40M verticle
81	39+42	Oct 6, 1995	NA5K Smitty	TS-50 + S&S ARK4(W03Bs) @ 5W 40M Delta Loop
20		Oct 10,1995	N2CX Joe	
25		Oct 12,1995	WA4NID Dave	
14		Oct 18,1995	W03B Bob	TenTec Scout @ 4W and QRP+ 4 lambda skyloop at 55 feet G5RV with QRP+
28+17		Oct 18,1995	AB50U Tim	TS140S @ 4.8W 70' wire with 300ohm twin lead
35+ 4		Oct 24,1995	NA5N Paul	
18		Oct 26,1995	KJ4XR Ken	
15		Nov 1,1995	WB3GCK Craig	
14		Nov 3,1995	WW7Y Steve	
23		Nov 7,1995	K5FO Chuck	
7		Nov 8,1995	NQ7K Mike	
10		Nov 10,1995	N4AOX Clay	
5		Nov 15,1995	VE7CQK Paul	
26		Nov 17,1995	AA0XZ Greg	
9		Nov 21,1995	NN9K Pete	
6		Nov 23,1995	N9UXU Dave	

18+10	Nov 29,1995	WB8ZJL Paul	
	Dec 1,1995	WA3NNA Pete	
36	Dec 4,1995	AA4XX Paul	
27	Dec 7,1995	N6ULU Stan	NorCal 40 at 4W and 2 el yagi
5+ 1	Dec 14,1995	WJ2V Preston	
15	Jan ,1996	WB4ZKA Mike	

-- leader(s) of the pack in order to shorten statistics

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-- worked more than one fox and number of times in parenthesis

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0 -- AA0XZ(8) W00Q(13) KB0WZ(7) KB0LMQ(3) N00CT NG0N(3) WI0W
    NF0R AA0XI AA0YU KB0PBQ KI0G AA0QU AA0VF W0KQC
    N0UVR
1 -- KC1GS(3) KC1FB(4) AA1IK(5) W1HUE(7)
    KC1DI AA10C N01E N1QPR
2 -- KC2DU(7) AA2WJ(6) AA2PF(6) N2KPY(2) N2MNN(4) N2CX(2)
    K2NF(12) KV2X(2) N2KPY N2CX WB2SXN WJ2V N1VPK KF2PH
    WZ2T KE2WB(2) KF2ON N2VPK N2GO N2WLQ N2YRJ
3 -- W3PM(7) WA3NNA(3) N3KFL(9) W3PM(2)
    WA3YON AA3AV W03B(3) K3TKS(2) KA3EAJ N3PM WA3JPG
    KA3WMJ K3ETS
4 -- NZ4I(10) N4A0X(5) K4JPN(2) KC4EWT(4)
    KE4PC WB4TPW(3) WA4KAC KM4LT AB4EL(2) WB4BDS(2) WB4TBW
    KD4HZ WD4MPS(3) AC4HF AA4YZ KF4DNL WB4ZKA AE4IC(4)
    WJ4P(3) WA4FTM KJ4XR N4XXR NR4N(2) N4EUK AD4ZE
    KT4HB WB4TWE
5 -- AB5OU(10) K5UP(12) KC5EQC(10) KK5KX(5)
    KA5T(10) W5HNS(11) K5F0(2) NA5K(4) KA5DVS AB5DG AB5EU
    WD5GNW(2) AK5B(11) KI5EZ KK5NA(2) WA5WHN K5ERJ(3)
    AB5TZ(4) AB5QE(2) KB5AA KC5FGE W5XE(2) W5RMZ WB5QMP
    N5SS AB5WB WB5IRI(2) KK5RO AB5UA WA5YFY WA5ZTP
    WB5LXA
6 -- N6ULU(15) NU6U(4) AB6DG(3) W6ZH(9) KK6MC(4)
    WA6HHQ(2) WA6MOK(2) KE6YAR WB6HQB(2) WA6HUE(2) AC6IY(4) WB6Q
    WI6I N6GA N6WG KC6EIJ N6MM(2) AC6KW
7 -- WW7Y(9) N7MFB(2) AA7QU(2)
    AL7GQ NQ7K(5) AA7QY(5) AB7JX(4) WA7FCU(6) KD7S
    AB7HI(2) KB7SOK KC7AKW N7RMQ KC7NEV(3) NQ7X(3)
    KG7WS NQ7B AA7TQ
8 -- N8ET(2) WB8ZJL(7) K8DD(3)
    WB8AJD N8VAR(3) KF8EE(2) WB8RUQ KF8SG
    WA8ALX WB8E(2) WA8ZOF WK8S
9 -- KB9IUA(2) K9DZE(5) WA9PWP(13)
    W9LTL N9DD AE9K(2) WA9YLB NN9K(3) WB9LKC(4) AE9F
    KA9NSA WB9QDL

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DX-- VA3TAR(2) VE3DNL(4) VE7CQK

DX -- V01CRB VE5VA VA3TAR

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3478] FOX FRIDAY NITE SPECIAL
Message-ID: <199601262323.QAA09204@zia.aoc.nrao.edu>

THE FRIDAY NITE SPECIAL -- SPECIAL FOX HUNT ON FRIDAY, FEB. 2, 1996

Fox Hunters:

Socorro, New Mexico (AP) -- The week of January 15th saw near HF blackout conditions on 40M, rendering the two fox nites nearly worthless. The two foxes for that week, Paul NA5N and Preston WJ2V, have agreed to run a SPECIAL FOX HUNT to make it up.

To make things a little different and perhaps give an opportunity to QRPers not able to work the fox during the week, we have decided to run this special fox nite next friday evening. Furthermore, it has been decided for NA5N to be the fox on 40M and WJ2V will work 80M for as long as fox activity exists. So those of you on the east coast with those Pixies and sprints, here's your big chance. If no 80M activity, Preston will QSY to 40M. So you've got TWO foxes to work, one in the east, one in the west, one on 40, one on 80, short path, long path ... gads, how can you miss?

THIS WILL BE AN OFFICIAL FOX HUNT. QSO's will be forwarded to Chuck and will count for that trip to Hawaii (or is that a set of coffee mugs? I forget). Chuck K5FO has approved the FRIDAY NITE SPECIAL. The FOX period will be shortened by 15 minutes (to 1hr 45min) to keep it fair for the few QSO's we did manage to extract from the ether last week.

NA5N FRIDAY NITE SPECIAL FOX SCHEDULE:

Friday, Feb. 2 from 1815-2000 MST = 2015-2200 EST = 1715-1900 PST
on 7045 KHz, +/- QRM

Due to the slightly reduced fox time, I do not intend on working the novice band. However, if I get email from a couple of novices who want to hunt the fox, I will certainly accomodate you. Give me a time. And finally, once the fox period ends, I will remain on frequency for as long as there are QSO's. We're watching the solar numbers carefully and KK6MC is helping with propagation. Optimum window with current conditions is as listed. Change in solar flux could skew things a bit.

Preston WJ2V will be posting his schedule shortly. He will be on earlier, however, so we don't overlap by much, since two different bands are involved. (We don't want you to wear out your antenna switch bouncing between bands). The schedule will be announced again next week in a single (and shorter) post. Please read it for any changes that might evolve, or slight time changes due to propagation.

72, Paul NA5N

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Richard E Robinson <rerobins@uncc.edu>
Subject: [3450] Heath HM-9 manual
Message-ID: <199601261738.MAA27698@unccsun.uncc.edu>

]

Does anyone have a manual/schematic for the Heath HM-9 QRP wattmeter that matches the HW-9? I will gladly pay for a copy.

Thanks and 72,
Rick Robinson kf4ar
rerobins@uncc.edu

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3424] Help from VE land please....
Message-ID: <Pine.SUN.3.90.960125222004.18006D-100000@vortex.sage.dri.edu>

Please excuse the bandwidth.

I need someone from Canada that would be kind enough to help me with a little project.

Please e-mail direct. Thanks,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: cookes@pop.jaring.my (Siong Teck Cheun @ Joseph)
Subject: [3433] Help wanted
Message-ID: <199601261322.VAA00887@relay4.jaring.my>

Dear fellow QRPers,

I have got hold of a what I believe SSB transciever use by British Army in World War II or after..the Mini Racal. Would appreciate any informations or service manuals please reply e-mail direct to me.

72/72

Siong 9M8ST
cookes@pop.jaring.my

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [3470] hints on posting less volume of mail
Message-ID: <n1389450798.59077@msmailgw1.arlut.utexas.edu>

Have had to bit the bullet and go to digest delivery, too much email volume.

Yesterday's digest came in as a 32K !! enclosure. That is equal to the memory size of the first "big" computer we had out here in 1970! (That was when minis had 4K)

How can we avoid degenerating the list into too much to handle, thus lessening the enjoyment of all?

Don't quote the prior posting, summarize it in first line, or use a descriptive

title. If we don't have to wade through so many bytes, we will know EXACTLY what you are talking about.

Humor is fine, but direct quip to the author might be more appropriate than bandwidth to the group.

Evaluate whether the answer to a question is applicable as QRP group information, or better answered direct to the poster: Ex. "Where can I find a circuit for a" when the answer is a basic, "in the ARRL Amateur Radio Handbook, or such. I send many direct answers to posters where they seem to honestly not realize they should have a Handbook, and if they do, the answer is at hand.

I mean this all in a helpful way TO ALL, please take it as that.
OB QRP-L is anyone keeping a tally of fox successes vs. type of antenna and power and perhaps miles between fox and contact?

72,
(Waiting for my digest fix,)
Stuart K5KVH
rohre@arlut.utexas.edu

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [3467] Improved Exporer II VFO Tracking
Message-ID: <960126210237_75230.1405_HHB66-1@CompuServe.COM>

Thanks, Larry, for your comments on this topic. To elaborate on one aspect:

>Dick at OH confirmed that this has been a problem, and said that
>C62 has been replaced with a fixed cap in current kits (value depends
>on the band).

Dick told me that the biggest problem is mechanical, i.e. the physical structure of the C62 trimmer. Some are better than others, but in the interests of sanity he has eliminated the trimmer from the Explorer kits and replaced it with fixed value NP0 caps. Relevant values and Mouser stock numbers are:

20M 22 pF 141-100N2-022J
30M 47 pF 141-100N2-047J
40M 68 pF 141-100N2-068J

The modification has the added benefit of CONSIDERABLE shortening the time required for the VFO alignment (set bottom band edge with L9, PERIOD)

73/72
Marshall
AA0XI/VK5FN

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Joel Malman <malman@bbnplanet.com>
Subject: [3415] Index QRP+ mic
Message-ID: <9601252153.aa22227@poblano.bbnplanet.com>

Group,

Heads up:

The mic Index Labs sells and recommends for the QRP+ rig, and charges \$30.00 plus shipping, is nothing more than an MFJ-285W (list \$25.00 from MFJ) and probably available at your local Ham retailer, maybe even at discount, over the counter.

Shame on Index for the hoax. Buyer beware...

/joel wa1qvm malman@bbn.com

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [3420] Internet providers/foxing up
Message-ID: <9601260351.AA03122@voicenet.com>

Gang,

I'm another who has recently decided to change Internet service providers. When I could no longer access my employer's e-mail account from home, I bit the bullet and decided to invest \$20.00 a month to get connected. Mainly for qrp-1 of course :-). Well, maybe I wanted to surf the Net on my own time, not jsut at lunchtime...

Anyhoo I signed up with Netcom at least partly 'cause I knew of them from their previous role as the home for qrp-1. Well, they sent me their software and it ran ok, I guess. The nicest thing I can really say about their browser NetCruiser is that it is a single environment. You can get to anything in it from one page by clicking icons. But its slowness was moderately irritating compared to MOSAIC and NETSCAPE I used at work. And the damend thing kept crashing! The final straw besides the Cruiser's

slowness was the hour it sometimes took me to log on and the fact that the mail tool often timed out before connecting me to their mail server - because the latter was often busy(?) even at 2 or 3 am - hmmm.

So now I'm on a local provider, VOICENET, with NETSCAPE and much much faster access and software that is silky smooth (sorry TenTec) and doesn't crash.

There, I got it off my chest! I feel much better now...

OBQRP, was again unable to hear the fox this week. On Tuesday I did once hear a faint "ZJL" in an hour's worth of listening. Nada from Duffey last night.

Hope things are better when I'm the fox next week. I'll post the particulars closer to d-day, but be forewarned, when I operate on 7040, it'll more likely be 7043 to 7045 to escape some as-yet undiagnosed noise that comes on periodically covering 7040. It starts out blanketing 7035 to 7040 and spreads within 5 minutes to cover 7035 to 7043 or so. Sounds almost like a drift oscillator modulated with 60 Hz crud. With luck, it'll leave me alone on fox nite.

e-mail addresses:

work: jeverhart@cayman.vf.mmc.com
 jeverhart@carib.vf.mmc.com (an alias)

home: n2cx@voicenet.com

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [3472] LOOPS AND OTHER ANTENNAS
Message-ID: <9601262213.AA12565@itg.ti.com>

From: Brad Bradfield QLF

Subj: LOOPS AND OTHER ANTENNAS

Located the three McLelland loop antenna articles mentioned a week or so ago.
(73, Sept 93 and Oct 94; and CQ Jul 94)

I am looking for antennas to use in addition to the usual dipoles for Field Day. Loops need not necessarily be shortened types. Any other suggestions? Articles? Sources?

One of these years I swear I'm going to build an extended double-Zepp for 40-meters to use on FD.

73's

Brad, WB0CGH

Brad Bradfield, PE	Electrical Design Engineer
108 Forestwood	Texas Instruments, Inc.
Corinth, TX 76205	

QLF@MSG.TI.COM	(H) 817-321-2960
	(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

MURPHY'S LAW: "If anything can go wrong, it will."

MURPHY'S FIRST COROLLARY: "Nothing is as easy as it looks."

O'TOOLE'S COMMENTARY: "Murphy was an optomist."

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: james@research.nj.nec.com (James Bennett)
Subject: [3456] NJQRP on air Saturday
Message-ID: <9601261851.AA27979@shakti.nj.nec.com>

Group,

As previously mentioned by Vince, the NJ-QRP club will be having a meeting this Saturday(1-27-96). I am hosting the meeting at my QTH in Hightstown, NJ. Time is 9am- 12 noon eastern. We plan to get on the air during this time. So look for us around the QRP frequencies on at least 40 and 20 and possibly other bands as well. Modes CW and maybe some SSB. So see ya'll on the air.
James Bennett KA5DVS/2

We now return you to your regularly scheduled code-no code discussion.

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [3469] One more PEP!
Message-ID: <199601262137.AA14632@aplo1.spd.dsccc.com>

QRP'ers:

Last night, before bed, I read the previous edition of the ARRL Advanced Class license manual. It describes Peak Envelope Power (PEP) in a way that I think I can now say I understand.

When your transmit mode is SSB, you have a couple of waveforms combined. You have the audio waveform and you have the RF waveform. All waveforms have peak values. When a waveform is either a square wave or a sine wave, you can easily determine its RMS value. If you think you should have a sine wave voltage, then you may assume that the RMS is 0.707 times the peak voltage.

With SSB, transmitted power is a function of audio. If there is no audio, then transmitted power is minimum. When audio reaches its maximum, then transmitted power reaches its maximum. PEP is the RMS of the transmitted power at the point where audio is maximum. And the FCC defined it this way.

Does anybody remember the exact words of the mad hatter? Something to the effect that, "when I use a word, it means exactly what I want it to mean. No more. And no less."

I am lucky. A little dis-concerted, but lucky. I have a list of any possible question that I will be asked, and I have knowledge of which answer the FCC will accept as correct. The question that started this whole discussion is:

G4D03 How is the output PEP of a transmitter calculated if an oscilloscope is used to measure the transmitter's peak load

voltage across a resistive load?

- A. $PEP = [(V_p)(V_p)] / (RL)$
- B. $PEP = [(.707 \text{ PEV})(.707 \text{ PEV})] / (RL)$
- C. $PEP = (V_p)(V_p)(RL)$
- D. $PEP = [(1.414 \text{ PEV})(1.414 \text{ PEV})] / (RL)$

The FCC says, B!

If this appears in my next element 3b written, I am a lucky person.

Somebody did me a favor recently. They xerox'd a few sheets of schematic and mailed it to me. I offered to return the favor in any way reasonable. Their response was, "it would be better for you to look for the opportunity to pay forward. If we each pay something forward, we will have a better community."

Maybe I will have opportunity to "pay forward".
Charles Cashion
KC5SNU

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)
Subject: [3483] Pay Forward
Message-ID: <2ee_9601262012@fido261.qis.net>

Charles Cashion wrote in a message to All:

CC> Somebody did me a favor recently. They xerox'd a few sheets of
CC> schematic and mailed it to me. I offered to return the favor in
CC> any way reasonable. Their response was, "it would be better for you
CC> to look for the opportunity to pay forward. If we each pay
CC> something forward, we will have a better community."

What a great attitude. When the radio bug first bit me...my Elmer handed me a dusty, well-worn, smelled of warm capacitors transmitter. He told me to come back with my ticket and that tremendous collection of electronic goodies would be mine.

When I showed up with the KN ticket...he passed the rig to me...and when I asked what I owed him, he simply said to give it to another person coming into the hobby, with the same string...no money, just pass it on.

Both my Elmer and the home made transmitter are long gone, but the pay forward

concept is alive and well.

Thom LaCosta

N3WDV

Our Business is Business

--

|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net

|Standard disclaimer: This user speaks only for him/her self.

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: "MSgt Cameron C.R. Bailey" <CBAILEY@PAMDT.ANG.AF.MIL>

Subject: [3454] PEP

Message-ID: <heH8+BnF01A@PAMDT.ANG.AF.MIL>

Gary,

Thanks for the interesting post on PEP. I would be interested further in any comments on the way that I have been taught to measure PEP. This was used for video transmissions BTW.

We would transmit an A1 (CW if you will) signal and increase drive until the power measured with a wattmeter (inline) indicated proper level. In this case, it was 200 watts. We would measure the voltage using an RF sample output into an oscilloscope.

Once the voltage was referenced, we would then transmit the famous test pattern modulated to 100% and increase drive once again until the peak voltage would arrive at the same level as the CW sample did. This method was also used to measure SSB signals and in that case a 1kHz tone was used as a modulation source.

This was done with an exciter and 2 inline amps. Overdriving them would blow out the tubes and damage coupling components. Arcing would be heard inside of the cavities. (Not a pleasant sound).

I wonder if QRP'ers could use the same method for SSB looking at the output of a SSB rig into a 50 ohm load and making a comparison.

My understanding is that PEP is an instantaneous thing. Technically, you can't say that your rig is putting out -- Watts PEP, unless you had a fixed level, fixed frequency modulation source at that time.

de kt3a

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: "John Foote" <John_Foote_at_HDN-BCSE@ccgate.ml.nec.com>
Subject: [3476] PEP Dilemma (This is quite long and drawn out)
Message-ID: <9600268227.AA822706545@mv1smtp.ccgate.ml.nec.com>

Re: the Gordon West question

Based on what PEP is supposed to mean, AND what it is used for, the answer is (B), not (A).

Power is a rate of use of energy over time, expressed as ENERGY (in some units of energy) per second. Compared to the period of an RF waveform a second is a very long time.

Power is, in practical terms, the amount of heat (the increase in TEMP for a given volume of something that's absorbing energy (for BTU's it's water)).

The power represented by any waveform is proportional to the AREA enclosed by the curve shown on the scope. For a SINE WAVE (e.g., a burst of Morse code transmitted as CW) the power is (V RMS)squared divided by the load resistance. Why V RMS? Because RMS voltage is the figure which, when used as above will yield the power delivered to a load by a SINE wave.

RMS voltage (and hence RMS current) was invented to express RF power. For a sine wave the RMS voltage is .707 times the peak voltage. There is no such thing as a peak power for a sine wave because, again, power is heat in the load. For a sine wave, power = V RMS X Current. If you took a DC current and delivered it to the load its power would

be $V_{DC} \times \text{Current}$. When a sine wave delivers the same heat (temp change) to a load as the sine wave you set up the DC voltage MUST = V_{RMS} if the current is the same. Therefore, by definition, V_{RMS} is the DC voltage (for a sine wave source) that would deliver the same power to a load as the AC (sine) waveform at IDENTICAL measured current.

The only way someone can talk about PEAK POWER is to take a small chunk in time of the displayed waveform and find the area under that piece of the waveform. For a sine wave source that's easy, because the power under any chunk of the waveform MUST always equal the figure found above. The load doesn't care if you divided the scope display into little chunks, it's STILL receiving heat at the same rate. So there is no such thing as "peak power" when looking at a sine wave.

For an SSB waveform the rules don't change: power is still proportional to the area under the waveform over some time period, except that waveform is irregular, hence the power in the load (rate of heating) varies a lot, depending on how small a time chunk you take on the scope and WHEN you take that time chunk. If you simply take the peak voltage, multiply by .707, square the result, and divide by current you haven't found anything, because the power number you find only corresponds to a waveform for which the "DC equivalent voltage" is found by multiplying peak voltage by .707 --- only works for sine waves!

The purpose of PEP is simply to arrive at a number to use to tell you how big a transmitter you can build. Interference is related to output power, and output power in an SSB signal varies all over the map from one millisecond to another some arbitrary figure that's easy to write down is used in the rules. It used to be that allowed power was related to INPUT POWER to the last stage. Cool! Easy to measure, just take plate voltage and plate current. This gives you the input power. But this figure doesn't nail down output power because rigs can vary in their final stage EFFICIENCY. No matter. It suffices as a means of telling the manufacturer how big it can make that amp it's trying to sell you. (Most tube amps were similar enough this was reasonable.)

Modern SSB rigs could be rated in the same way except their efficiencies vary all over the map depending on the output circuit design and where in the power range they're operated. Not fair to rigs with lower efficiency. No easy way to determine the efficiency. Bummer.

So, invent an easily determined figure: PEP. Figure it as in Gordon's question. Use a peak output voltage and the measured load resistance. But, you say, it's not accurate because at any given time

the peak voltage isn't enclosing the same area as the peak voltage of a sine wave would. Exactly right. But INPUT POWER was inaccurate, too. But both parameters are consistent, and easy to enforce. Ah, this is better.

The difference between the FCC maximum CW power and SSB (or other kind of) power is someone's idea of how much higher the SSB FIGURE has to be to produce the same level of interference (related to output power), as implied by the maximum legal CW figure.

Since the waveform under an SSB voltage trace is irregular, the density of that waveform can vary quite a bit. The more the irregular waveform can be made to resemble a sine, the louder your SSB signal. Hence the processing and other games that are played to give your SSB signal more "punch."

AM broadcaster rules base maximum power on carrier with no modulation. There is essentially no limit to how much power you can put into the two sidebands. And since voice and music are not sinesoidal, this can be taken advantage of in order to modulate the carrier to up to 125%. This is important since received signal to noise ratio for AM varies not only as the carrier power but also as the SQUARE of the modulation percentage (expressed as the modulation INDEX)!

Correct answer is (B)

Sorry for the bandwidth. Hope the warning label helped.

72 de KR4GL
John Foote

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Dick G0BPS <Dick@deomon.co.uk>
Subject: [3428] QRP Frequencies
Message-ID: <zeuU0HAc73BxEwiz@kanga.demon.co.uk>

Hi Gang,

I love all this talk about the QRP calling frequencies, just imagine the noise if we all got onto the same frequency at the same time. I write for a couple of UK magazines. One is a QRP column. For several years in my column I have used the term "centre of activity" NOT 'calling frequency'. Much like other QRPers over here.

I suggest that we stick to the 'activity centre', this then promotes the use of slightly wider bandwidths. For the newcomers it will become obvious that we can be found up to 10KHz either side of the set frequency such as 3.560.

This would then assist us all and create less noise (as if we could create a big noise) Makes life easier all round.

So.... Flames, suitably packaged to me, or save them for the 4.D.I.M.

See ya all there...

TTFN de Dick

--

Dick G0BPS

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Bill Acito 26-Jan-1996 1417 <acito@asdg.ENABLE.com>
Subject: [3459] qrp?
Message-ID: <9601261923.AA29903@us1rmc.bb.dec.com>

Wayne, Dave, somebody, please... ...come up with another
radio kit...

...lets talk L1 turns.

...maybe an QRP+ / OHR group buy.

...or diodes in supply lines.

Anything to get this group back towards:

"The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation, equipment design and construction, solar and battery power, QRPp, contesting, kit building, ..."

b

(half :-), half ready to hit 'postpone', 'cause the 'D' is wearing off of my 'Delete' key)

. - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-1 ... qrp-arci ... norcal ... arrl life ...

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [3474] Real Communication

Message-ID: <199601262209.WAA05678@chuck.dallas.sgi.com>

Gang,

In the interest of lightening things up I knew that this group would be the one to appreciate this little ditty. Have a good weekend and be on the air at least for one QSO. Dust off the microphone/keyboard/key or whatever and just do it.

Actual radio conversation released by
the Chief of Naval Operations, 10-10-95.

#1: Please divert your course 15 degrees
to the North to avoid a collision.

#2: Recommend you divert YOUR course 15
degrees to South to avoid a collision.

#1: This is the Captain of a US Navy ship.
I say again, divert YOUR course.

#2: No. I say again, you divert YOUR course.

#1: THIS IS THE AIRCRAFT CARRIER ENTERPRISE, WE ARE A
LARGE WARSHIP OF THE US NAVY. DIVERT YOUR COURSE NOW!

#2: This is a lighthouse. Your call.

: -)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: ssalgaller@CCGATE.HAC.COM
Subject: [3458] request for information
Message-ID: <9600268226.AA822684056@CCGATE.HAC.COM>

Dear QRP people,

I've noticed that a four quadrant multiplier IC can be used
as a voltage controlled oscillator.

Well, at least that's

what the Analog Devices data book says. (A/D 834 IC)

However, I cannot

find anything about how to actually do it, even when I
called the A/D help line.

If I was a million times smarter,

and had much more free time, I was thinking of a QRP 18 MHz
rig. I thought a stable VCO would be a good place to start.

Can someone out there help me, hopefully in time for the
band opening ? (Year 1998 ? 2000?)

Thank you very much,

Stephen S.

WA3ZGT

ssalgaller@ccgate.hac.com

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: torell@sicom.com (Kent Torell)
Subject: [3437] Return of F beacon
Message-ID: <v02130500ad2e985c2839@[192.91.202.41]>

This am I heard a slow, repeated F (about 13 per minute) on 7.0393 MHz. I
noticed it when I checked the radio after getting up (around 1250 utc) and
checked in periodically while I was getting ready for work. I checked on

```
The real fox returns....
72, ab70a
```

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: N5EM@aol.com
Subject: [3460] Short Tempers
Message-ID: <960126143248_127961055@mail06.mail.aol.com>

Geez, this group needs Dayton really bad. How about all flame throwers off for a week as a trial separation :-)

Ed

```
(flame suit on)
```

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3473] Solar summary & forecast
Message-ID: <199601262214.PAA06837@zia.aoc.nrao.edu>

WEEKLY SUMMARY -- SOLAR/HF PROPAGATION DATA

1996 Jan.	---- Solar	Activity Magnetic	Sunspot Number	10.7cm Flux	Index K	Index A	MUF from normal
19	Very low	Quiet	6	71	3	9	+13%
20	"	Unsettled	6	71	3	10	+30% (Enhanced
21	"	Quiet	8	72	3	6	norm (Sporadic
22	"	"	8	72	2	5	-15% (E
23	"	"	9	73	2	4	+50% (all week
24	"	"	9	73	2	4	norm
25	"	"	11	74	2	5	+10%
26	"	"	10	(74)	(2)	(5)	(>+15%)

() = preliminary values

***** PREDICTIONS:

26	Very low	Quiet	10	74	5	(Normal-elevated MUF's
27	"	"	9	74	4	(Sporadic E activity and
28	"	"	8	74	4	(fair-good HF propagation

25JAN-8FEB: Quiet, very low solar activity expected producing fair to good
HF propagation with elevated MUF's and sporadic E skip.

9-10 FEB: Minor storm period possible

Above information "averaged" from info from Australia, Boulder and
Sacramento Peak Solar Observatories.

Paul NA5N

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: AlexQRP@aol.com
Subject: [3449] Squabbles(ing)
Message-ID: <960126122853_207215570@mail06.mail.aol.com>

Guys lets not begin behaving in a mode similar to 75 or 20 meters. Lets
get back to our real interest "Friendly QRP".

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: cummings.jim@ic.gc.ca (Cummings, Jim: DGRB)
Subject: [3463] Stats and Stuff (reply)
Message-ID: <1996Jan26.143435.1255.344172@mspost.ic.gc.ca>

I sent this to Chuck yesterday and he promptly replied back that I should
send this to the List for the consideration of others.

Chuck a few points in reply:

You may recall that up until 4 years ago, Canada's amateur certification
program consisted of two certificates, the Amateur and the Advanced Amateur,
whereby the individual had to operate for at least one year with the first
certificate on CW on the HF bands before the individual could operate on the
other. When researching the historical reasoning for this structure, it was
determined that it structure was based upon the idea that amateurs
"home-brewed" their equipment and that this CW apprenticeship was necessary
because of the complexity of building phone equipment.

By the 1980s, amateur built stations had become the exception whereas the rule was that most amateurs, new and old-timer, had bought their equipment. If a home built station was used, usually it was in conjunction with commercially manufactured equipment - "home brewed" only stations were rarities.

I suspect that this is not all that much different in your country.

My point is that Canada had considered having a "CW only" novice qualifications, and came to the conclusion that it really did not have any benefits - either for the proposed licensee or for the government agency that would have administered this test. Some of the reasons that it would not work were:

1. Impossible to enforce: In order to enforce such a provision, it would have been necessary to set up an inspection program, either through government employees or through a volunteer program. The first would have been impossible, the second would have been unworkable (and perhaps even unethical mainly due to abuse). After reading all the complaints on the newsgroups that the FCC is not even enforcing its current provisions, it would have been foolhardy to have promulgated more regulations which would also not have been enforced. It is sad but true but often clients must be coerced into compliance, government regulators can no longer depend on client goodwill. As a result, there is no point in promulgating regulations if one is not prepared to undertake to sanction those who do not comply.

2. In so far as Canada is concerned, it was another apprenticeship program. I have noticed over the years that there is a definite divergence of opinion with respect to up-grading between amateurs in the US and Canada. It would seem that in your country, it is looked on as a badge of honour, and if an individual does not upgrade to Extra then they are lower class scum. Whereas up here in Canada, although upgrading is encouraged, it does not seem to be an over-riding concern. From a government perspective, there is a constitutional element involved. Our certification system cannot be seen to be a training scheme, instead of one of the current qualifications, because training is a provincial responsibility, not federal.

As a result, there seems to be much less animosity amongst amateurs who are "code" and "no-code" qualification holders. For this reason, the non-renewable certification would be a no-go up here. Besides, it seems to be a foolish notion that one day an individual can operate on the amateur bands, and yet cannot the next day. Quite frankly, I have yet seen any convincing arguments that would support enforced upgrading - if the individual is happy doing whatever it is that he/she wishes to do, what is the over-riding concern such that the government has stipulated that

that individual must upgrade or lose all privileges? Would you be kind enough to tell me, because I certainly have not figured it out yet!

I take great exception, however, to your view that the survival of QRP and CW goes hand in hand. It is for this reason that I have not posted this reply to the list, but to you personally. Frankly Chuck, I believe that your view perpetuates a notion that is no longer valid, that being that CW will get through when all others fail. It is tremendously frustrating that such mythologies are still held as "truths" in the amateur fraternity when there is evidence, both theoretical and practical, the OOK CW no longer holds pre-eminence in the ability to be used in adverse conditions. The evidence is overwhelmingly so that digital forms of communications have supplanted CW in this role. It is a dicotomy that many amateurs whine and cry that new amateurs aren't "techy" enough, yet they themselves cling to such notions about CW and are not even aware the technology is passing us by. I have no objections to anyone using CW, and it may even be fun. But to cling to it, like we have been, and proclaim its wonders, which do not exist, only makes us look like fools to the population at large. On that point, I also have a great divergence of opinion with most amateurs. The amateur allocations do not belong to the licenced amateur population - it belongs to the general public at large. I am convinced that if we continue to justify some of our notions, mistakenly or historically, we are only asking to have our spectrum removed from us. Unless we amateurs as a group start to look forward instead of clinging to the past, there may not be an amateur spectrum for guys like me to enjoy when I retire.

In so far as your question about the price of keyers and keys are concerned,

I wish to answer it as follows - perhaps if the CW modes were more popular, there would be a greater demand - thus unit price would go down and would be cheaper. In other words, because CW is becoming less and less popular, unit prices have remained high because the demand is not high. I suspect that that CW would become less and less popular if indeed it were to be removed as a testing element in which case, its survival would be based solely on its merits like any other mode. But I suspect that we won't be able to test this assumption until sometime early next century.

If you think this is worth posing to the List, let me know and I will consider it.

Respectfully,
73 and live better digitally
Jim, VE3XJ

-----Below de K5F0-----

Jim,

Thanks for your well written reply. I reformatted slightly, but did not change content. Your line width seems a little long for the 80 column default.

1. Yes, by all means post to the group and this reply as well if you so desire. Otherwise cut this out. Don't consider the posting - do it.

2. Yes, you're correct about the US ham population and some of the attitudes. But by nature we are competitive and somewhat aggressive by nature. It's a sign of the times. You've seen us bitch and whine about everything under the sun, probably. We hoped to be a classless society, but alas it's not in our nature. I see that the ARRL bulletin the other night was looking to reduce the number of US license classes in the 1999 WARC meeting to get in line with the rest of the world. Time will tell. Hell, we haven't even moved over to the metric system. :-) Not even to mention get a budget to run the country by. :-)

Good point on the forced upgrading. Something that we eliminated with the one and then two year limits on Novice. I came in under the one year and upgrade or start all over. I can tell you from personal experience it was in itself an incentive program of the first order.

3. You have every right to take exception to my CW/QRP survival view. It may not be all that simple if I were to sit down and write a dozen pages on it. Guess it was somewhat oversimplified. Here are some minor points: (Trying not to write a dissertation here Jim. And I'm not really worried about the survival. QRPers are a stout hearted group, dedicated and persistent.)

- a. I'm thinking about the teenager with limited income. How is she or he going to get on the air and into a hobby without eating all their movie/popcorn/video game/computer software/... budget in one fell swoop? I think for \$100 they have a limited choice. Take the computer outta the picture for a second, 'cuz I want to enter that into the dollar count if we go that route. I think a simple CW xcvr is one choice. A used HF rig is another, but a little more difficult to come buy, what with all the high resell value that I see people trying to get on the internet. The Ham Trader Yellow Pages at least have some value still in this day and age.

Yes, you and others may jump right in and say that I'd be doing an injustice to the poor kid by giving them several handicaps at once with CW and QRP simultaneously. May be true but do they have to

have 100% success rate every time. It is a reality in life that few things come easy and the first time.

- b. Just because digital is the latest thing, I don't think that everyone needs to get into it. Here is my problem with it. I am not against the technology, don't get me wrong. I'm glad I don't do things with tubes anymore. My problem has to do with ignorance and misuse. It seems to me that the digital droids are taking the attitude that hey do away the old crap and let's take over all of the lower segments of each band. The hell with the guys/girls already there. We need the spectrum and we have the right to it. My perception from on the air experiences. The technology is there to use up little spectrum per QSO, but they don't have the filters in place and they (they, being the digital crowd) don't read anything in QST and look at bandplans. You may disagree, but that's the way I see it down here in the lower 48.
- c. I guess the reason I love CW is that it is a more personal means of communication than using a keyboard like I do all day at work. There is a subtle conveyance of personalities on a keyer (not a keyboard) that comes across. Just like the information you and I would get about each other in a face-to-face one-on-one eyeball-to-eyeball conversation at a party or meeting. Talking to someone on the air keyboard to keyboard is like the internet. It just isn't personal enough. IMHO. Yes, we do get a lot done this way, but I get more enjoyment out of the hobby at home and in front of the rig or the workbench.
- d. My remark about the keyers/keys and pricing was somewhat tongue in cheek that I'd think if we really give up CW, then the bottom will fall out of the prices. The free enterprise system at work and like you say if the demand were up maybe the price would go down a little with increased competition. We can only speculate.
- e. I think that most QRPers want to tinker and doing CW is a lot easier. If we did digital development, the cost immediately goes up, the time to develop software and you've seen the discussion on public domain software and most people after they've taken the time don't want to give it away. You can't blame them after they get into the economics of it. You just can't expect the Idiom group or Wayne Burdick or others to donate their hard work to the group at large. I certainly don't. But in order for digital to catch on you gotta get into the

sharing mode on everything. For the current kits for CW and SSB. You get the schematic and a brief description of the circuit. Allows those so inclined to tinker. Have you seen such a thing on a DSP system?

I haven't. Not to make a big deal out of it, but I think that's what people are looking for.

f. And amateur radio is not the leading edge anymore. The days of the Lone

Ranger development on the leading edge is gone. The Wayne Burdicks, Dave Benson's, and Dick Witzke's to name just a few fill a much needed niche in the QRP market. I applaud their work and support their work with my hard earned dollars. We all do and it'll keep the system going.

So justification that radio amateurs hold onto their freqs has weakened

significantly from a technological standpoint. The technological edge is in the commercial labs at this time as far as I can see. An individual

does not have the financial means to really do something that will get them

the nobel prize in electronics. Hopefully by sheer numbers and political

clout in each country we can keep the governments of the world from taking

it all away from us for financial reasons.

It is a joy to back and forth and whether it is worth the bandwidth and time is

mute. You got me to think about it and that is what it's all about. Maybe you

can get to Dayton and I'll buy the first round.

dit dit es take care Jim

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: aa7tq@primenet.com (Dave Kelley)
Subject: [3479] Super Bowl Special Event
Message-ID: <199601262324.QAA11582@usr2.primenet.com>

Greetings sports fans (and the rest of us).

Several hams in Tempe Arizona will be running a special event station from a mountain top (a butte actually) to further enhance all the massive amount of hupla that the Super Bowl gets. Actually, it'll be because we want an excuse and that the Tempe Police want us to patrol their backup communications site on that very butte.

Anyhow...we will be around 14.250 and/or 7.280 from 9 AM to 8 PM on Sunday..that's 1600 UTC-0300 UTC. Here comes the good part: We will also work 40 up from the bottom of 20-30-40 when we can. And before you all get upset, we will be running QRP on CW! There is a BUNCH of guys from this list that will be up there. AA7QY, KI7MN, KJ7DN, and others. It'll be great. Try to work us if you can. Imagin a fox with a football helmet on.

7.3 and hope your team wins!!

Dave, AA7TQ

Dave Kelley, AA7TQ - <http://www.primenet.com/~aa7tq>

City of Tempe, Arizona - Webmaster

"QRPers do it in the mud - long live QRP (and CW)"

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: N5EM@aol.com

Subject: [3484] SuperBowl xx..something

Message-ID: <960126204239_407444570@mail02.mail.aol.com>

In a message dated 96-01-25 22:51:04 EST, you write:

>Anyway, look for me on the 50 yard line in Sunday's superbowl. I'll be the
>guy holding the radio.

>Regards,

>Peter N 2 K P Y

>

>

>

>

And, let us know what color you will have painted your hair and face to help us identify you. Or, will you have a silver, metal hard hat on with a rubber duck mounted in the top of it?

Ed, N5EM

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: bobhigh@primenet.com (Bob Hightower)
Subject: [3421] Temper, temper.
Message-ID: <199601260309.UAA01882@usr6.primenet.com>

I see some of the messages/replies to one or two of the subjects are getting to the point of being downright testy! Maybe we ought to let the threads rest and cool down for awhile, and get on with the subject of qrp. Things like adapting the LED SWR assembly to 40A and other such useful stuff. Nothing we say here is going to change or impact on anything that is going to happen at WARC anyway, unless someone gets in touch with the right people, and I haven't seen any of them on this list at all.

Sorry for the bandwidth, but this IS getting tiresome.

73,

Bob KI7MN NorCAL #1228, qrp-ARCI #8918, qrp-l #271

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [3465] The QRP-L Resource Page
Message-ID: <v02130502ad2e9d03e658@[129.74.35.16]>

Come check out the QRP-L Resource page at:

<http://qrp.cc.nd.edu/QRP-L/>

It's chock-full of goodies related to the QRP-L list. There are photo files from the last two Dayton Hamventions, a QRP equipment catalog (with pictures), links to various files of useful information contributed by QRP-L members, as well as links to other Amateur Radio related sites on the WorldWide Web.

72

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Urs Schlegel <schlegel@ccgate.ari.ch>
Subject: [3426] Tuner, automatic ?
Message-ID: <9601260913.A14358@ccgate.ari.ch>

To QRP-L

I dream of an automatic tuner for QRP (CW, 5W). Small (< as the footprint of a qsl card), light-weight and intelligent enough to tune without be touched. Has anybody any idea? Is it already on the market? If I HB, am I allowed to use transistors or FET's to switch capacitors and coils instead of relais- switches or is that totally out of question? I remember that somebody had many good ideas about capacitors but I can't remember if it was in conection with tuners. Could anybody give me some advice how my dream could come true? Thank you very much.

72 de HB9HAU Urs schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [3419] Visitor's Licence, UK?
Message-ID: <31085029.5860@lan.nsc.com>

Could some knowledgeable person/s kindly tell me how I might go about getting a visitor's licence for the UK? I will be travelling there on business next Friday for a couple of weeks and want to take my 40m CW QRP rig with me. I am currently Tech+ ... is this a problem? I think they let "class B" licences use HF these days too ..what are the restrictions? I actually "own" the callsign G8INR, could I get this re-instated very quickly, would it be cheaper? Would I be better off taking the 13 wpm CW test this weekend and going over as an Advanced?

All help/suggestions kindly received, email direct to me please, (fifield@lan.nsc.com) don't clog the list. Thanks in advance.

Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3452] WRC-99 es Code Requirement
Message-ID: <199601261656.JAA14739@usr3.primenet.com>

--=====822675510==_
Content-Type: text/plain; charset="us-ascii"

Attached is a portion of the text of ARRL Bulletin 005 concerning the latest meeting of the ARRL Board of Directors with some info concerning preparations for WRC-99.

This info, taken with David Sumner's comments in "It Seems to Us" (Feb '96 QST) and the article on page 56 of that same QST, should give concerned hams an idea of how to make their wishes known to those who can affect decisions to be made at WRC-99.

I have had previous correspondence with David Sumner and with Rod Stafford, ARRL President about the CW issue, and both referred me to a previous BoD declaration of support for the CW requirement. I was assured that decision would remain unchanged unless the membership of ARRL indicated differently.

We can bat this around all we want to on this List, but if you are really concerned about the future of HF and CW, then please direct your efforts to Stafford, Sumner, your Section Manager and Division Manager. All have e-mail or packet addresses listed in QST. If you are not a member of ARRL, you will have a problem making your wishes known.....there are some folk out there who aren't members for various reasons, but we have to face the fact that the ARRL is the voice of amateur radio when it comes to the WRC, IARU and ITU.

Please take the time to think out your position and then advise those who can do something about the issue...if you don't, then you have no one to blame but yourself.

73, de Roger, AA7QY

--=====822675510==_
Content-Type: application/mac-binhex40; name="KC7YBB03.CAP"
Content-Disposition: attachment; filename="KC7YBB03.CAP"

(This file must be converted with BinHex 4.0)

:\$%Y\$0eP#3M!c,N0"8!"#58j"E@4[F`!!!!&!!!!",Pc'q!!!!U`!!!!!!
!-'-!!!J!#3!*!!N!#3!*!!

10-10's initial home page and files are now available for browsing. We shall expand and beautify them over the coming months, but we now have a presence on WWW for prospective and current (and perhaps some inactive) members to show them we are alive and well (even if the sunspots are not).

Address: <http://www.lehigh.edu/lists/tenten-1>

Anyone who maintains an amateur radio website is welcome to add a link to the 10-10 site. I shall be accumulating link addresses to return the favor in future additions to the current collection of files.

Thanks go to Jim for helping to get this on track.

-73-

LB, W4RNL

tenten-1 coordinator

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [3462] Zero beating a signal

Message-ID: <Pine.3.89.9601191428.B12491-0100000@w3eax.umd.edu>

N3UVR de NF3I

Zero-beating assures that both stations are on exactly the same frequency. The BFO used generates a tone from an incoming carrier. It causes the tone to appear at a certain pitch when the radio is tuned to a certain frequency and there's a carrier at that frequency.

Each radio is different. A properly tuned signal on my Alinco DX-70 forces a 650 Hz tone out of the speaker. On my OHR Explorer II, it can vary depending on the BFO pot inside (completely variable).

The old Ten-Tec Century 21 had an "offset" control on the front panel.

Zero beating enables the listener to shut off the BFO, and thus tune for NO TONE out of the speaker (F_1 mixed with $F_1 + f$ produces outputs of f , $2F_1 + f$, $3F_1 + f$, $3F_1 + 2f$, etc., and lowpass for freq. f). Once done, the radios are on the same freq., and "ZERO BEAT has been achieved.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440

** Yes, you CAN do VHF contests with 25W and omni antennas **

Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [3475] Re: 1996 Calendar

Message-ID: <199601262234.PAA07501@zia.aoc.nrao.edu>

[Practicing bandwidth compression]

Chuck K5FO writes:

>Gang,
>They te
>up big. A
>the 1996 calen
>Stupid
>I'll rep
>relax and re
>CQ, but use
>Back to my hole.
>In the meantime, g
>dit di

Don't worry about it Chuck. You do more than your share for the group.

Paul NA5N

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [3423] Re: ARCI Voting

Message-ID: <Pine.SUN.3.90.960125221645.18006C-100000@vortex.sage.dri.edu>

Hi Rick and all,

Sorry about that. Like Buck said, the deadline for BoD voting is 16 Feb 96.

Next time it'll be on the ballot! cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [3468] Re: Calendar 1996

Message-ID: <199601262056.UAA05490@chuck.dallas.sgi.com>

Gang,

They tell me if you are going to screw up, screw up big. And that's exactly what I did. I used the 1995/1996 calendar. Stupid is stupid does.

I'll repost tomorrow after I get some time to relax and re-think this over. I bought a 1996 CQ calendar, but used the old one. :-(

Back to my hole.

In the meantime, go ahead and send me dates that you know about. Thanks.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3441] Re: Dilemma (2) response
Message-ID: <199601261609.JAA05218@usr6.primenet.com>

At 10:41 AM 1/26/96 EST, rflight@VNET.IBM.COM wrote:
>STOP! Your both right! (popular Certs commercial or yesteryear!)
>
>Charles;
>
> You and Gordon are both close enough to correct that the FCC would likely
>agree. However... consider the following: (deleted)

Yes, but....considering the aim is to pass the exam, the answer is B. The question pools are constructed such that there is no room for discussion, so please go with B, 'cause I want to see that upgrade.

73, de Roger, AA7QY

Roger Hightower, AA7QY
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3436] Re: excuses!
Message-ID: <199601261452.HAA14219@usr4.primenet.com>

At 01:50 AM 1/26/96 EST, Charles Cashion wrote:

>
>My name has a new call sign beside it.
>
> KC5SNU
>
>I have a grin almost from ear to ear.
>
Congratulations, Charles. Glad to see you back.

73, de Roger, AA7QY

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Frank G3YCC <frank@yorks.demon.co.uk>
Subject: [3429] Re: GQRP-1
Message-ID: <Udvc\$HA85ICxEw0l@yorks.demon.co.uk>

In message <9601252122.AA17113@rgfn.epcc.Edu>, William R Colbert
<af852@rgfn.epcc.Edu> writes

>
>
>Anyone else on this listing using the GQRP-L system? I subscribed
>and got an acknowledgement back from Majordomo@blacksheep.org
>welcoming to the gqrp-l, but since then nothing has arrived. Just
>wondering if there is no activity or am I spoiled by the voluminous
>amount of traffic here? Thanks for any insight. 72/73

>
>--
>Ray Colbert, W5XE/V31XE, El Paso, Tx

>
Activity is very low, sadly. About six or ten messages a week, and
that's a good week. I have tried to stir up some interest ... zilch.

--
Frank G3YCC G QRP CLUB 042 RSGB ARCI
Packet G3YCC @ GB7HUL.#15.GBR.EU

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: cebik@UTKVVX.UTCC.UTK.EDU

Subject: [3432] Re: GQRP-1

Message-ID: <Pine.PMDF.3.91.960126080427.543287397A-100000@utkvx.utk.edu>

Activity on GQRP-L is quite low for reasons that make good sense from the G-perspective. As I understand them, the reasons begin with the fact that for many, e-mail and internet are quite expensive propositions, increasing in cost as the activity level increases. Some (many?) must connect via long-distance phone.

This situation has spin-offs, including the desire to restrict messages to technical matters and to important operations information. The net result is a hesitancy to use the system unless one has something quite important to disseminate, ask, etc.

In the US, we should perhaps feel fortunate that we have (for most folks) relatively easy and inexpensive access to internet and e-mail. That fact changes the entire tenor of the exchanges to a wide-ranging conversation covering everything from banter and small talk to very extended exchanges that get into minute technical detail. We have a responsibility to use care in what we say and how we say it, but we should always prize our relative freedom to be able to say on-line almost anything we care to say. If the system gets too overused someday in the future, our costs may go up to the point where we, too, must forego saying something on-line so that we can afford a few extra parts at Dayton.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: bobhigh@primenet.com (Bob Hightower)

Subject: [3486] Re: hints on posting less volume of mail

Message-ID: <199601270214.TAA27372@usr6.primenet.com>

>

>Don't quote the prior posting, summarize it in first line, or use a descriptive
>title. If we don't have to wade through so many bytes, we will know EXACTLY
>what you are talking about.

>

Right on. I am much more concerned with the excessive quoting of a posting than I am about mis-spellings. I can usually figure out what someone is trying to say, but not when I have to wade through a quote of an entire message when someone is trying to answer only a small portion of it.

73,

Bob KI7MN NorCAL #1228, qrp-ARCI #8918, qrp-l #271

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [3416] Re: Improved Exporer II VFO Tracking
Message-ID: <2.2.32.19960125024233.00ca233c@public.compuserve.nf.ca>

Hi Larry,

Out of curiosity where did you find the different temperature coefficient caps that you used (i.e. NPO, N750 ??). I hope you are not going to say your junkie box. I had a project a while back to fix some drift in my HW-9 and I couldn't find a decent source for different values and different temp coeff (Mouser, Digikey etc). It seems that temp coefficient caps are going out of vogue and everything is NPO. Any leads?(supply stores that is not the things that stick out of the caps)?

Thanks for your report and when I get my Explorer II built I'll check out the operation and see if the trimmer cap is a problem.

73/72 Bob V01DRB/WA6ERB

At 10:50 1/25/96 EST, you wrote:

>Some other observations:

>2. I noted a VFO warmup drift of about 1 kHz (down) before adding
>the 22 pF N750 and 68 pF NPO caps. After adding the caps, I
>measured a drift of -380 Hz over the first hour (room temperature
>constant to within 1 degree F), -90 Hz over the next hour, and
>+/- 100 Hz or so over the next 18 hours (temperature fluctuated 3
>or 4 degrees over the long term test period). Not bad, but
>indications are that a little larger N750 cap might be better. I
>tried a single 100 pF N750, but that produced a large positive
>drift. Oh well -- back to the 22 and 68 combination.

>

```
-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: "N100Q Tom R. @ MR01 26-Jan-1996 1038" <randolph@est.ENET.dec.com>
Subject: [3440] re: Improved Explorer II VFO Tracking
Message-ID: <9601261542.AA26426@us4rnc.pko.dec.com>

> Out of curiosity where did you find the different temperature coefficient
> caps that you used (i.e. NP0, N750 ??). I hope you are not going to say

Digikey has N750 ceramic caps.

(800) DIG IKEY
(218) 681 3380 FAX
701 Brooks Ave. South
PO Box 677
Thief River Falls, MN 56701-0677

Don't overlook the junk box, though! My best source of temp coeff. caps so far has been junked TV sets.

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
=====

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [3431] RE: No Code Tech
Message-ID: <199601261300.HAA12151@sparc.isl.net>

The CW issue is such an emotional one. I hate emotional issues - I like dealing in facts much better. 8^)

CW is a fun mode. I enjoy it a lot! Probably the reason I just ordered yet another CW-only radio (Explorer II) to add to my 20m Explorer and my old Heathkit HW-16. It's part of the radio heritage and it's challenging. And, it's something that most people can't do - which, for some reason, gives me some pleasure.

But I don't know of any *good* reason it should be a requirement. Lots of emotional reasons, but none that are really logical. I *hate* the constant rhetoric about the bands becoming like 27m. I've heard enough of that already on 20m SSB. Yuck. Morse didn't keep those folks out. And there seem to be lots of hams with HF privileges who never touch a key. And that's OK.

And some of the most interesting and modern technical advancements in radio

are happening above 30MHz. Spread spectrum, ATV, APRS, satellites, meteor scatter, aurora, high speed digital. It's also part of radio heritage that hams were leading the advancement of radio technology. Folks, VHF and above is where it's at these days.

The saddest thing to me about the loss of the morse requirement is that a lot of hams who would enjoy CW like we do, may never know. They'll never try it. And that's a shame.

72/73

Tony Drumm

internet: tdrumm@sparc.isl.net

Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: scicior@cp.uswc.uswest.com (Steve Ciciora)
Subject: [3438] RE: No Code Tech
Message-ID: <9601261532.AA08513@sp5-316.nts.uswest.com>

> From qrp-1@lehigh.edu Thu Jan 25 20:21 MST 1996
> Originator: qrp-1@lehigh.edu
> From: Steve.Hideg.1@nd.edu (Steve Hideg)
> To: Multiple recipients of list <qrp-1@lehigh.edu>
> Subject: RE: No Code Tech
> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Low Power Amateur Radio Discussion
> Date: Thu, 25 Jan 1996 22:20:37 EST
>
> Too bad we don't have a spelling skills requirement to get an Amateur License.
>
> 72
>
> --Steve
>
>
> -----
> Steve Hideg Macintosh Consultant/Analyst
>
> Office of Information Technologies Telephone: (219) 631-3926
> University of Notre Dame URL: <http://www.nd.edu/~shideg/>
> -----

Why????

I know I don't spell well; since I have not 'mastered' this skill in 28 years,

I don't think I'm going to any time soon. With voice communications, spelling doesn't matter. With CW, there are a lot of abbreviations. Last I heard, Ham Radio was about _communication_, and so long as I'm understood, I believe that is communication. What, should there be a test for good looks? How about accents? Gee, just because I can't spell as well as you can, you don't want me to be in the same ranks as you?

-Steven Ciciora

KB0PJF (Tech+, without a spelling test)

>
>
>
>
>
>

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: V\$BCIESLAK@china.qgraph.com

Subject: [3442] Re: No Code Tech

Message-ID: <01I0G0JK3NDU002D2X@hub.qgraph.com>

> X-Comment: Low Power Amateur Radio Discussion

> Date: Thu, 25 Jan 1996 22:20:37 EST

>

> Too bad we don't have a spelling skills requirement to get an Amateur License.

>

> 72

>

It seems that that whenever some one on the net can't rationally debate a point or make an argument they attack the spelling. Not only here but in other groups too.

Red Green had an interesting episode last night. He gave a dissertation on people who have nothing to say, but don't realize it and they keep on talking anyway.

If all your going to do is attack someone's spelling then you've got nothing to say.

Sorry, one of my pet peeves,

Brian AE9K

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: Steve.Hideg.1@nd.edu (Steve Hideg)

Subject: [3444] Re: No Code Tech

Message-ID: <v0213050dad2e721f7841@[129.74.35.16]>

Yeah, well bad spelling is one of my pet peeves, and it was meant as a joke.

Sorry for not including the smiley for the humour-impaired.

>> X-Comment: Low Power Amateur Radio Discussion

>> Date: Thu, 25 Jan 1996 22:20:37 EST

>>

>> Too bad we don't have a spelling skills requirement to get an Amateur
>>License.

>>

>> 72

>>

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>

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>

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>Brian AE9K

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: "C. J. Hawley" <hawley@aries.scs.uiuc.edu>
Subject: [3448] Re: No Code Tech
Message-ID: <31090B55.44F2@aries.scs.uiuc.edu>

Steve Hideg wrote:

>

> Too bad we don't have a spelling skills requirement to get an Amateur License.
>
> 72
>
> --Steve

Is your tongue into your cheek or how are you with numbers?
I think it was on CNBC where an interviewer suggested that those over 50 who had a disadvantage in the employment market in the latest tech areas would have an advantage in their command of the english language (where?). It certainly seems like the old rules are out the window since I have been on the net. Someone suggested that the mistakes are typing errors, but I don't think so. Good grammar and spelling skills do not seem to be required here or almost anywhere. The spoken language has deteriorated to the point where some of the errors of the past are now accepted or possibly not detected any more. It still bothers my ears, but I have learned not to correct anyone. I guess the language changes. There are no absolutes except whether or not the meaning was conveyed. The meaning seems to be clear even when you hear "I don't got no..." or "You done real good". One of my favorites is "Where's he at?". Maybe it's a form of casual Friday dress codes. Those don't bother me at all.

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: [3453] Re: No Code Tech
Message-ID: <01I0GTP1VHHG8Y541G@ADMIN.Rose-Hulman.EDU>

IN%"hawley@aries.scs.uiuc.edu" wrote: (no, I'm not picking on you.)
[...bandwidth saver invoked...]
I have been on the net. Someone suggested that the mistakes are typing errors, but I don't think so. Good grammar and spelling skills do not seem to be required here or almost anywhere. The spoken language has deteriorated to the point where some of the errors of the past are now accepted or possibly not detected any more. It still bothers my ears, but I have learned not to correct anyone. I guess the language changes.
[...more bandwidth being saved...]

[...now we are going to take some...]

S/N is becoming very, uhhhh, bad, yeah that's the word. Sorry to post this here and add to the noise, but, hey, what about QRP? This is not the place for flame wars. The code/no-code discussion was one thing, but we are getting way off topic here. I'm all for free speech, but let's put it in an appropriate forum. Now before some person sends me nasty mail and all of that rot, I am not trying to be a net cop, I don't want to be a net cop, nor do I think that anyone should be a net cop, but this has become just plain ridiculous. I can hit the delete key as well as any other person, but when you are thinking about hitting it as many times as I have (please don't ask how many?!), it gets tiring, and I have to wonder if I am gaining much from the list.

I enjoy this list. I have obtained a great wealth of information from it. It has always had a pretty good S/N. But, (I knew he was going to say that) but, this is getting worse than the Dayton WX reports last year, and I went to Dayton, and since you can't do much about the WX, well, it detracted from QRP.

Sorry about that, but the frustration level finally hit a new high!

72, David Moody, KD8NY, Is a preposition a terrible thing to end a sentence with? :-)

```
-----
David A. Moody          | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183      |
-----
```

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: rxd7@hunny.INS.CWRU.Edu (Richard A. Dell)
Subject: [3457] RE: No Code Tech
Message-ID: <199601261846.NAA21016@hunny.INS.CWRU.Edu>

>

>To:scicior@cp.uswc.uswest.com
>From:rxd7@pop.cwrui.edu (Richard A. Dell)

>Subject:RE: No Code Tech

>

>>> From qrp-1@lehigh.edu Thu Jan 25 20:21 MST 1996

>>> Originator: qrp-1@lehigh.edu

>>> From: Steve.Hideg.1@nd.edu (Steve Hideg)

>>> To: Multiple recipients of list <qrp-1@lehigh.edu>

>>> Subject: RE: No Code Tech

>>> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas

>>> X-Comment: Low Power Amateur Radio Discussion

>>> Date: Thu, 25 Jan 1996 22:20:37 EST

>>>

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>>>

>>>

>>> -----

>>> Steve Hideg Macintosh Consultant/Analyst

>>>

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>>> -----

>>

>>Why????

>> I know I don't spell well; since I have not 'mastered' this skill in 28
>>years,

>>I don't think I'm going to any time soon. With voice communications,
>>spelling doesn't mater. With CW, there are a lot of abbreviations.

>>Last I heard, Ham Radio was about _communication_, and so long as I'm
>>understood, I believe that is communication. What, should there be a test
>>for good looks? How about accents? Gees, just because I can't spell as
>>well as you can, you don't want me to be in the same ranks as you?

>>-Steven Ciciora

>>KB0PJF (Tech+, without a spelling test)

>>

>>>

>>>

>>>

>>>

>>>

> Well Steve if you took the code element, you should know that spelling
>correct, or incorrect will cost you on your test score.

>

Richard A. Dell

8085 Wren Drive

Macedonia, Ohio 44056

--MAA03067.822675635/thor.INS.CWRU.Edu--

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: rxd7@hunny.INS.CWRU.Edu (Richard A. Dell)
Subject: [3461] RE: No Code Tech
Message-ID: <199601261936.0AA24331@hunny.INS.CWRU.Edu>

>

>To:"Jerry B. Altzman" <jbaltz@scisun.sci.ccny.cuny.edu>
>From: rxd7@pop.cwr.u.edu (Richard A. Dell)
>Subject: RE: No Code Tech
>Cc: qrp-1@lehigh.edu

>

>> >No one is denying you your right to speak. It is that this is not the
>> >appropriate place to do so. It's fine to discuss CW and Morse code, I
>> but this
>> >isn't the place to discuss enforced Morse testing.< Jerry I think you just
>> >contradicted yourself.

>>

>>How so?

>>

>>I think you have temporarily forgotten how to read.

>>

>> Richard A. Dell

>>

>> //jbaltz

>>

>>jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
>>jbaltz@sci.ccny.cuny.edu jbaltz@columbia.edu KE3ML (HEPNET) NEVIS::

>

>I have not misread your intent. You are trying to tell me where I can and
>cannot put an opinion. Your statement, my reply ,>No one is denying you your
>right to speak. It is that this is not the
>> >appropriate place to do so. Jerry I think you just
>> >contradicted yourself. AGAIN, YOU HAVE THE OPTION OF DELETING ANY OF THE
>>NO CODE CONTROVERSY. IT IS NOT REQUIRED OF ANYONE TO READ THIS INCLUDING YOU.

>

Richard A. Dell
8085 Wren Drive
Macedonia, Ohio 44056

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: rxd7@hunny.INS.CWRU.Edu (Richard A. Dell)
Subject: [3464] RE: No Code Tech
Message-ID: <199601261939.0AA24536@hunny.INS.CWRU.Edu>

>
>To:scicior@cp.uswc.uswest.com
>From:rxid7@pop.cwr.u.edu (Richard A. Dell)
>Subject:RE: No Code Tech
>
>>> From qrp-1@lehigh.edu Thu Jan 25 20:21 MST 1996
>>> Originator: qrp-1@lehigh.edu
>>> From: Steve.Hideg.1@nd.edu (Steve Hideg)
>>> To: Multiple recipients of list <qrp-1@lehigh.edu>
>>> Subject: RE: No Code Tech
>>> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
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>>

>>>

>>>

>>>

>>> To Steve Hideg:

>>>

> Well Steve if you took the one of the code elements, you should know that
>spelling correct, or incorrect will cost you on your test score.

>

Richard A. Dell

8085 Wren Drive

Macedonia, Ohio 44056

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996

From: ruswhite@netzone.com (Russell W. White)

Subject: [3481] Re: No Code Tech/spelling

Message-ID: <199601262355.QAA12976@nz1.netzone.com>

I have to go along with the famous historian who said

"I have no respect for a man who can only spell a word one way".

73 Russ AB7JX

>> X-Comment: Low Power Amateur Radio Discussion

>> Date: Thu, 25 Jan 1996 22:20:37 EST

>>

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License.

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>

>Sorry, one of my pet peeves,

>Brian AE9K

>
>
>

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [3417] Re: On the horizon & the future of CW
Message-ID: <2.2.32.19960125024301.00cc31c8@public.compuserve.nf.ca>

Nils,

Now THAT is getting to the point..and even eloquently done..

73/72 Bob V01DRB/WA6ERB

At 17:45 1/25/96 EST, you wrote:

>Hows this: (to the point?) Be glad you got a radio to play with.

>
>73
>Nils
>WB8IJN

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@nfld.com
bgobrick@nlnet.nf.ca
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Ptcandy@aol.com
Subject: [3418] Re: PROBLEMS OVER THE HORIZON--FINAL COMMENT!!!!
Message-ID: <960125195642_304167627@mail02.mail.aol.com>

In a message dated 96-01-23 22:39:35 EST, you write:

>Maybe we don't have to worry so much how to preserve our niche. Example:
>currently we do just fine, thank you, on 40 mtrs with lots of non-CW QRM and
>QRN -- and now the RTTY stations...

>
>Future band re-orgs are *not* likely is to *exclude* CW. A peek at the past
is
>usually a pretty good way at looking at the near future. And the past (for
at
>least the past 40 or so years) says that CW is legal on all (US) amateur
>frequencies from 160 mtrs to well into VHF.
>
>I suspect the only way to kill QRP CW, would be to dis-allow CW - not likely
>in our lifetime.
>
>
>/joel wa1qvm malman@bbn.com
>
>
Hi Joel,

My concern which I feel is legitimate is that if CW is dropped as a
requirement to operate the HF bands, the CW portion will be reduced to a very
small portion of the spectrum or eliminated entirely. I know CW is allowed
anyplace but honestly Joel, how often do you operate CW in the phone portion
and expect a reply. I like to build simple circuits and I like it even more
when they work. I just feel, QRP folks like us will be shut out. I don't find
operating among the digital modes or the off shore SSB folks much fun .

One last thought, I don't recall anyone here bashing no code techs. I know as
far as I am concerned, it was a shot in the arm for this 'old man's hobby'.
My wife is a no code tech and she enjoys going to meetings and such. She
thinks I solder to get high from the fumes. What does she know.
Anyway, look for me on the 50 yard line in Sunday's superbowl. I'll be the
guy holding the radio.
Regards,
Peter N 2 K P Y

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Joel Malman <malman@bbnplanet.com>
Subject: [3422] Re: PROBLEMS OVER THE HORIZON--FINAL COMMENT!!!!
Message-ID: <9601260013.aa02819@poblano.bbnplanet.com>

Peter,

re your message ...

>
> My concern which I feel is legitimate is that if CW is dropped as a
> requirement to operate the HF bands, the CW portion will be reduced to a very
> small portion of the spectrum or eliminated entirely. I know CW is allowed

> anyplace but honestly Joel, how often do you operate CW in the phone portion
> and expect a reply. I like to build simple circuits and I like it even more
> when they work. I just feel, QRP folks like us will be shut out. I don't find
> operating among the digital modes or the off shore SSB folks much fun .
>

Not a problem. We (the QRP people) will continue to call on QRP calling frequencies, and QSY to free frequencies, and because we are hams that know all about QRM/QRN/QRP/QSY operation, and we are the probably best CW ops there ever were... QRP CW will probably never die - unless CW is dis-allowed by the FCC (once again, I maintain, not likely in our lifetime.) In short, I don't think you need to worry about the death of QRP/CW as much you fear.

===

> Re No-Code tech's:

I would like to see a 2-3 year expiration on this class. That would leave the NC/T enough time to learn the code and upgrade to a renewable tech or general class ticket. If the new ham-to-be cares to *not* to learn the 5wpm code requirement, I suggest they use the other code-free, voice, HF entry point to HF communications -- it's called CB.

===

/joel wa1qvm malman@bbn.com

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3427] Re: PROBLEMS OVER THE HORIZON--FINAL COMMENT!!!!
Message-ID: <199601260855.IAA04346@chuck.dallas.sgi.com>

Peter,

What? You're going to be on the 50 yard line with a QRP radio and you didn't tell us before this. WHAT? Think of the PR dude. QRP-L member on national TV at one of the most watched events on TV for the entire year where people are paying over 1.5M bucks to get 30 seconds of air time and you are doing it for free. I can just see the headlines in the National Enquirer now. :-)

We'll all be looking for you. Tell us what you'll be wearing.

Will we get a QSL card if we see you and record it? Go Bears!!

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3434] Re: QRP Frequencies
Message-ID: <199601261443.0AA04700@chuck.dallas.sgi.com>

Dick,

Thanks for the info on "centre of activity".

I hope that you won't be offended if we use "center of activity"
and for those of from the desert regions if we use the term "watering
hole". :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3451] Re: Return of F beacon
Message-ID: <199601261513.PAA04813@chuck.dallas.sgi.com>

Kent,

Congratulations!!! Let's make sure that Paul, AA4XX, isn't running
a test. :-)

I heard OZ1, PJ2, DL7, and others on the lowend last night.
Sounds like that 40M is finally getting somewhere.

Now tell us about your radio at work. :-)

Seriously, one of the things that we've got to consider is when
the high bands come back in a few years I'm thinking that I gotta
put a 10M rig into the car so that I can brown bag at lunch and sit
out in the parking lot and work DXCC. Or use one of the high band

GM-XX rigs from Dave Benson, NN1G, as the bands start opening up everyday. That'll be a hoot.

Again congrats. The first report this season.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3477] Re: Short Tempers
Message-ID: <Pine.SUN.3.90.960126134347.19921B-100000@vortex.sage.dri.edu>

Hmmmm,

Maybe someone should pipe Dayton-1 over here so that we can find things to talk about!

OBQRP: Tree blew down....antenna on the ground along with the phone line..... :-(

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Fri Jan 26 21:31:04 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3471] Re: Stats and Stuff (reply)
Message-ID: <Pine.SUN.3.90.960126135346.19921D-100000@vortex.sage.dri.edu>

Hi Jim,

Just 2 quick points:

1. Here, the government claims the ariwaves. We can only use them while they say it's OK.
2. There has been a very large increase in the number of mic's sold

here over the past 30 or so years and nothing but increases in the prices. Not too sure that pure supply and demand really works in the amateur field.

My 2 cents on cw..... it's pride. If there is nothing about the hobby to take pride in, will we really fight very hard to save it?

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3487] Re: Stats and Stuff (reply)
Message-ID: <199601270257.TAA22050@usr2.primenet.com>

On 26 January 1996 Jim Cummings wrote:

>...and if an individual does not upgrade to Extra then they are lower class scum.

Not so. This is part of the "incentive licensing" plan, whereby upgrades equate to more spectrum. Most upgrades are done for that reason, especially when chasing DX and the desirable ones are down in the bottom 25. I don't know a single ham who looks down on someone with a lower class of license. Maybe there are some, but it's been my good fortune not to meet one.

You have some good points in the rest of your posting, but I think you're off base on this one.

73, de Roger, AA7QY

From qrp-l@lehigh.edu Fri Jan 26 21:31:04 1996
From: Ptcandy@aol.com
Subject: [3480] Re: supervisor of communications...oops
Message-ID: <960126185248_207469501@emout06.mail.aol.com>

SORRY!!!!!!

The supervisor of communications message was not meant to be posted on the qrp-1. It was supposed to be delivered privately.

Sorry again.

Regards,

Peter N2KPY